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(54) BENZOFURAN DERIVATIVE, ITS PREPARATION, AND HYPOTENSIVE AGENT CONTAINING SAID DERIVATIVE AS ACTIVE COMPONENT

(57)Abstract:

NEW MATERIAL: The compound of formula I (X is acetyl, carbamoyl, cyano, lower alkoxy carbonyl, etc.; R is H, lower alkoxy, lower alkyl or halogen; R is substituted at the o-, m- or p-site to piperazinyl ring; the group of formula II is substituted at 4W7 site of the benzofuran ring).

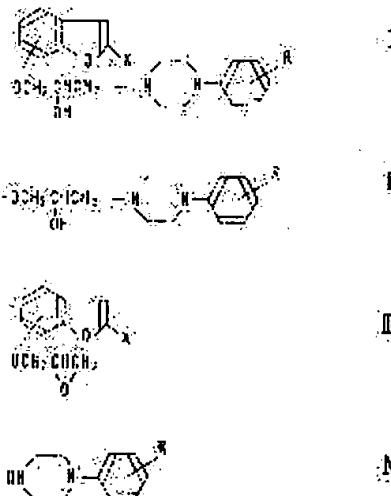
EXAMPLE:

2-Acetyl-7-[3-(4-phenylpiperazinyl)-2-hydroxypropoxy]benzofuran.

USE: A hypotensor. It has excellent α -adrenaline blocking activity and Ca antagonistic activity, and low side effect.

PREPARATION: The compound of formula I can be prepared by reacting the 2,3-epoxypropoxybenzofuran derivative of formula III with the

N-phenylpiperazine derivative of formula IV in the presence of a base such as NaOH, in a solvent such as methanol, at room temperature W100°C for 15minW10hr.



LEGAL STATUS